: DOUBLER ASSEMBLY

: D3140

: N/A

- D314010 D314010

Date

Wednesday, 4/19/2006 9:04:09 AM

User:

Kim Johnston

**Process Sheet** 

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

: 26727

**Estimate Number** 

: 12367

P.O. Number

: NIA

This Issue Prsht Rev.

: 4/19/2006 First Issue :NIA **Previous Run** 

Checked & Approved By

: 4/19/2006 : NC

S.O. No. : N/A

Type

: SMALL /MED FAB

**Part Number Drawing Number** 

**Drawing Name** 

Project Number **Drawing Revision** 

: D1 : NIA Material

: 4/26/2006 **Due Date** 

Qty:

Each 1 Um:

Comment **Additional Product** 

Written By

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

D314085



Comment: Qty.:

1.0000 Each(s)/Unit

Total:

Total:

2.0

3.0

1.0

Batch D314089

Angle

Doubler

1.0000 Each(s)

Angle



Comment: Qty.:

Doubler Batch

1.0000 Each(s)/Unit

RIVET

1.0000 Each(s)



Comment: Qty.:

Total: 5.0000 Each(s)/Unit

5.0000 Each(s)

**RIVET** 

Batch

SMALL & MEDIUM FAB RESOURCE 1

66 eu. 20

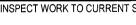
4.0

SMALL FAB 1

Comment: SMALL & MEDIUM FAB RESOURCE 1

Assemble as per Dwg D3140

5.0 QC5 INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP



060420

30

Page 1

## **Dart Aerospace Ltd**

	. Johano								
<b>W</b> /O:			WC	RK ORDER CHANG	ES				
DATE	STEP	PRO	OCEDURE CHA	CEDURE CHANGE		Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	_ NCR: Yes (	No) DQ/	A: <u>2</u>	Date: <u>⊆</u>	06/04/29
					QA: N	/C Closed	d:	Date: _	
NCR:			WORK ORDI	ER NON-CONFORMA	ANCE (NCR	()			
		Description of NC	Corrective Action Se		ection B		eation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Chief Eng	QC Inspector	
							!		
		· · · · · · · · · · · · · · · · · · ·							

NOTE: Date & initial all entries

Date:

Wednesday, 4/19/2006 9:04:09 AM

User:

Kim Johnston

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: DOUBLER ASSEMBLY

Job Number: 26727

Part Number: D314009

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

6.0

PACKAGING 1

PACKAGING RESOURCE #1

**Process Sheet** 

Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

206/04/20 DOCUMENT CONTROL

7.0

DC



Comment: DOCUMENT CONTROL

Inspection Level 21

Job Completion



1 86-41-21

Dart Ae	rospace L	td							
W/O:			W	ORK ORDER CHANGES	***		_		
DATE	STEP	PR	OCEDURE CH	EDURE CHANGE		Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:	PAR #:	Fault Cat	egory: NC				Date:	
NCR:		,	WORK OR	DER NON-CONFORMANC	E (NCR	2)			
		Description of NC	Corrective Action Section B		Verification		cation	1 Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date		ction C		QC Inspector
				·					

NOTE: Date & initial all entries



DESIGN DS	DRAWN BY	DART AEROSPACE HAWKESBURY, ONTARIO, CAN	
CHECKED	APPROVED	DRAWING NO. D3140	REV. D SHEET 1 OF 7
DATE		TITLE	SCALE
05.11.23		DOOR	NTS
A	02.04.18	NEW ISSUE	
В	03.01.23	REMOVE -65/-81/-83; ADD -301/-303	



05.1	1.23	DOOR NTS
 Α	02.04.18	NEW ISSUE
В	03.01.23	REMOVE -65/-81/-83; ADD -301/-303
С	04.11.08	CHANGE DELASTEK SPEC. TEC-77; ADD PART MARKING; ADD NOTES 11, 12, 13; CHANGE ANGLE -95/-97/-98 TO 106°
D	05.11.23	ADD -103/-104/-105/-106; REMOVE -67
Di	2H 1 06.03.31	1.75 WAS 1.88 ; 4.75 WAS 4.13

QTY -05	QTY -06	QTY -07	QTY -08	QTY -09	QTY -10	PART NUMBER	DESCRIPTION
X		<u> </u>			· · ·	D3140-05	DOOR
	X				1	D3140-06	DOOR
		X	<u> </u>		<u> </u>	D3140-07	DOOR
			X	-		D3140-08	DOOR
		1		X		D3140-09	DOUBLER ASSEMBLY
			1		X	D3140-10	DOUBLER ASSEMBLY
<del></del>							
3	3		<del> </del>		<u> </u>	D3140-57	PAD
1	1					D3140-59	PAD
2	2			1	<del>                                     </del>	D3140-61	PAD
2	2		1			D3140-63	PAD
		1	1			D3140-69	PAD
		1	1			D3140-71	PAD
		1	1			D3140-73	PAD
		1	1			D3140-75	PAD
		1	1			D3140-77	PAD
		1	1			D3140-79	PAD
			· · · · · · · · · · · · · · · · · · ·	1	1	D3140-85	ANGLE
1	1					D3140-87	DOUBLER
				1	1	D3140-89	DÖUBLER
		1				D3140-91	DOUBLER
			1			D3140-92	DOUBLER
3	3					D3140-95	DOUBLER
1						D3140-97	DOUBLER
	1					D3140-98	DOUBLER
		1	1		·	D3140-99	DOUBLER
		2	2			D3140-101	DOUBLER
		1				D3140-103	DOUBLER
			1			D3140-104	DOUBLER THOR CODY
		1				D3140-105	DOUBLER SHOP COPY
			1			D3140-106	DOUBLER RETURN TO
1	1					D3140-241	DOUBLER ENGINEERING
1		1				D3140-301	DOUBLER IINCONTROLLEL
	1	4	1	·		D3140-303	DOUBLER CURRECT TO AMEN
							NOTHOLIT NOT
				5	5	MS20426AD3-4	RIVET

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COPY MENT

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DESIGN DS	DRAWN BY RF		ROSPACE LTD RY, ONTARIO, CANADA
CHECKED	APPROVED 11	DRAWING NO.	REV. D
DATE	91	D3140	SHEET 2 OF 7
05.11.23		DOOR	NTS



COMPOSITE LAYUP & BONDING I.A.W. DELASTEK PROCESS SPEC. TEC-77 MATERIAL STORAGE & HANDLING TO BE I.A.W. DART QSI 006 MAIN LAYUP USES FIBERCOTE E-761/7781 EPOXY FIBERGLASS. FILL WITH EPOCAST 87269 OR MAGNOBOND 77 A & B AND MA560 FOAM/ NB-51/30 FOAM



FINISH: DUPONT HIGHBUILD GREY PRIMER 1144-S

MAKE PARTS IN ACCORDANCE WITH THE FOLLOWING TOOLS/MOLDS:

PART	TOOL
	-har-creation in
D3140-05	B30-23000-01T
D3140-06	B30-23000-02T
D3140-07	B30-23000-03T
D3140-08	B30-23000-04T
D3140-57	B30-23000-57T
D3140-61	B30-23000-61T
D3140-63	B30-23000-63T
D3140-69	B30-23000-69T
D3140-71	B30-23000-71T
D3140-73	B30-23000-73T
D3140-75	B30-23000-75T
D3140-77	B30-23000-77T
D3140-79	B30-23000-79T
D3140-89	D3140-89T1
D3140-301	D3140-301T1
D3140-303	D3140-303T1





MATERIAL: 2024-T3 (QQ-A-250/4) 0.032 THICK (M2024T3S.032) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



MATERIAL: 2024-T3 (QQ-A-250/4) 0.020 THICK (M2024T3S.020) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



MATERIAL: 5052-H32/H34 (QQ-A-250/8) 0.040 THICK (M5052H32S.040) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1



MATERIAL: POLIMEX TR75 1" THICK 4.5 LB KLEGECELL



**TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED** 

FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

ALL DIMENSIONS IN INCHES

MATERIAL: 6061-T6 (QQ-A-250/11) 0.063 THICK (M6061-T6S.063)



DOUBLER TO SIT ON TOP OF FOAM AT THIS LOCATION



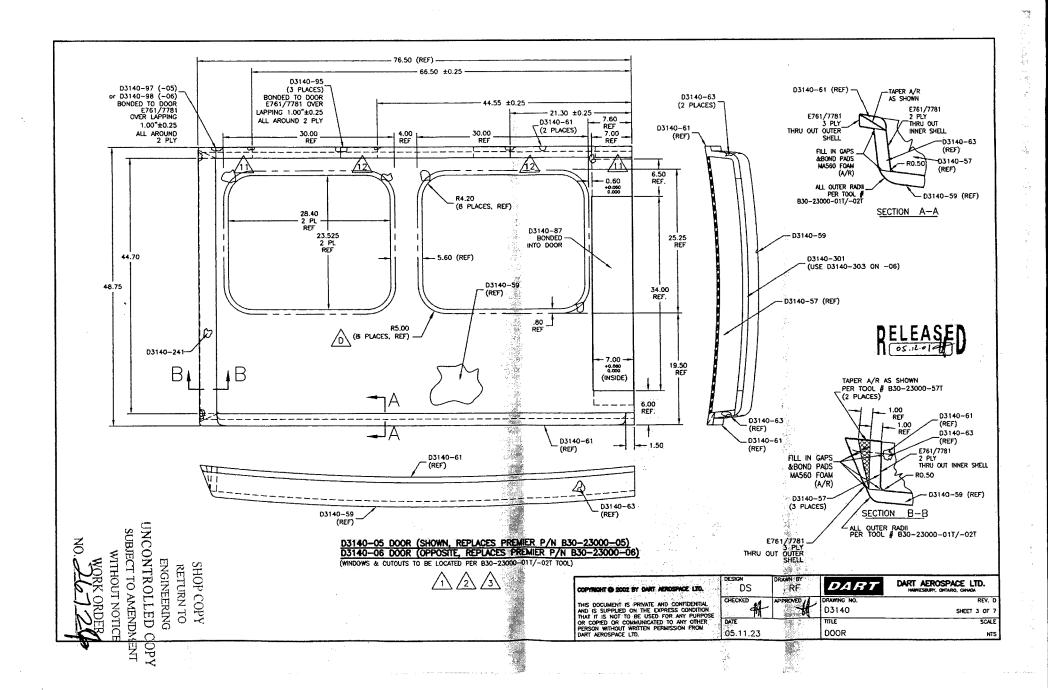
DOUBLER TO BE RECESSED FLUSH INTO FOAM AT THIS LOCATION

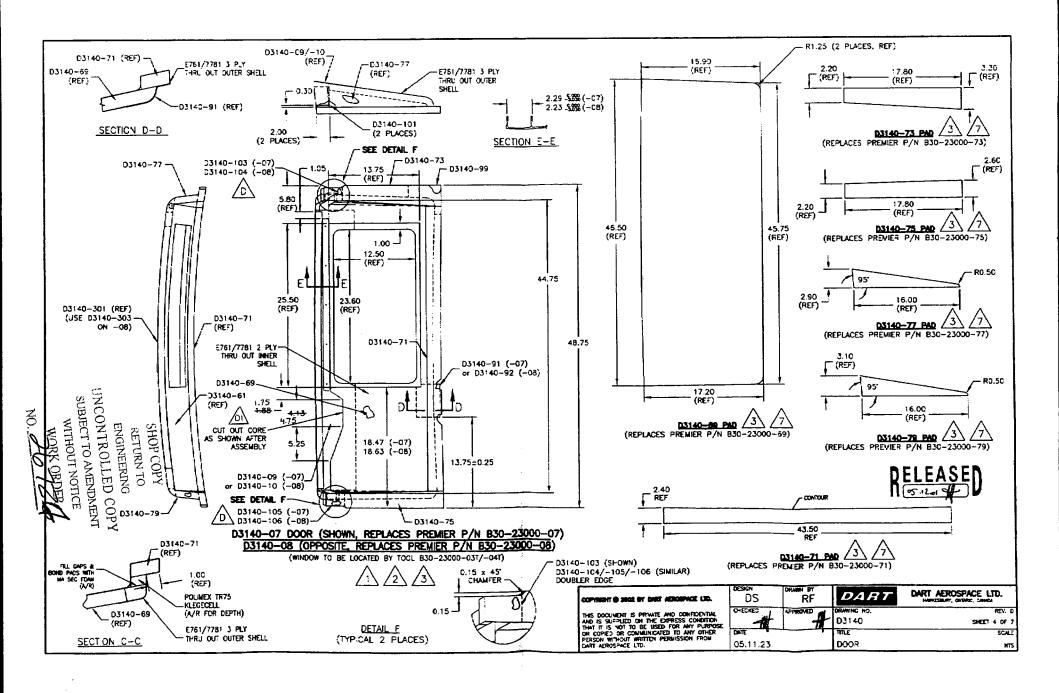
RUBBER STAMP WITH DART P/N D3140-05/-06/-07/-08 USING MIL-STD-130

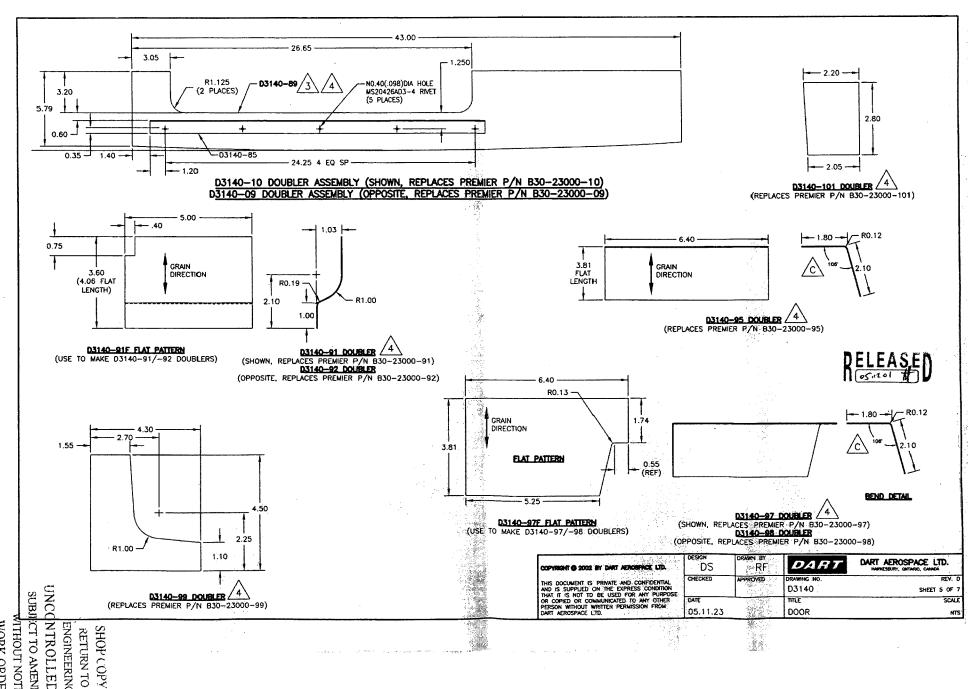
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